

Notice of Allowability

Application No.

09/871,304

Examiner

Emerson C Puente

Applicant(s)

BALASUBRAMANIAN ET AL.

Art Unit

2113

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to 8/4/04.
2. ☒ The allowed claim(s) is/are 1-9, 11-15 and 19-35.
3. ☒ The drawings filed on 31 May 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Examiner's Amendment/Comment

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Examiner's Amendment/Comment".

An examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Michael Piper (Reg No. 39,800) on November 10, 2004.

In regards to claim 27, please remove "essentially"(see line 5 and line 11 of claim)

Examiner's Statement of Reason for Allowance

The following is an Examiner's statement of reasons for the indication of allowable subject matter: Claims 1, 11-14, 19, 21, 23, 25, and 27 are allowable over the prior art of record because the Examiner found neither prior art cited in its entirety, nor based on the prior art, found any motivation to combine any of the said prior arts.

The reason for allowance for claim 1 is monitoring an authentication and authorization system wherein one of the first and second elements is a access server and wherein the other of the first and second elements is a register server in conjunction with the rest of the limitation set forth in the claim.

The reason for allowance for claim 11 is wherein one of the first and second channels is a send channel and wherein the other of the first and second channels is a receive channel in conjunction with the rest of the limitation set forth in the claim.

The reason for allowance for claim 12 is wherein one of the first and second channels is a publish channel, and wherein the other of the first and second channels is a subscribe channel in conjunction with the rest of the limitation set forth in the claim.

The reason for allowance for claim 13 is a COBRA-compliant transaction service, wherein the first object is a OTS daemon and wherein the second object is a completion daemon in conjunction with the rest of the limitation set forth in the claim.

The reason for allowance for claim 14 is wherein the one of the first and second objects is a register object; and wherein the other of the first and second objects is a resolve object in conjunction with the rest of the limitation set forth in the claim.

The reason for allowance for claim 19 is the inclusion of sending a first test signal via a send channel of a messaging service to elicit a response and sending a second test signal via a receive channel of the messaging service to elicit a response in conjunction with the rest of the limitation set forth in the claim.

The reason for allowance for claim 21 is the inclusion of sending a first test signal via a publish channel of a publish/subscribe service to elicit a response and sending a second test signal via a subscribe channel of the publish/subscribe service to elicit a response in conjunction with the rest of the limitation set forth in the claim.

The reason for allowance for claim 23 is the inclusion of sending a first test signal to elicit a response from a register object of a naming service and sending a second test signal to elicit a response from a resolve object of the naming service in conjunction with the rest of the limitation set forth in the claim.

The reason for allowance for claim 25 is the inclusion of sending a first test signal to elicit a response from an access server of an authentication and authorization system and sending a second test to elicit a response from a register server of an authentication and authorization system in conjunction with the rest of the limitation set forth in the claim.

The reason for allowance for claim 27 is the inclusion of sending a first test signal to elicit a response from a first object of a transaction service, wherein the first object is selected from a first member of the group consisting of an OTS daemon, a completion daemon, a recovery daemon, and a transaction daemon and sending a second test signal to elicit a response from a second object of a transaction service, wherein the second object is selected from a second member of the group consisting of an OTS daemon, a completion daemon, a recovery daemon, and a transaction daemon in conjunction with the rest of the limitation set forth in the claim.

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The remaining claims, not specifically mentioned, are allowed because they are dependent upon one of the claim mentioned above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emerson C Puente whose telephone number is (571) 272-3652. The examiner can normally be reached on 8-5 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert W Beausoliel can be reached on (571) 272-3645. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Emerson Puente
11/17/04


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